

WEST Search History

Hide Items

Restore

Clear

Cancel

DATE: Monday, September 13, 2004

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L16	(database near5 command\$1) same (hierarchic\$ near10 relational)	8
<input type="checkbox"/>	L15	L14 and (field\$1 same attribut\$)	9
<input type="checkbox"/>	L14	L13 and (data\$ near5 command\$1)	29
<input type="checkbox"/>	L13	l6 and (compound near5 element\$1)	106
<input type="checkbox"/>	L12	l6 and (compund near5 element\$1)	0
<input type="checkbox"/>	L11	L10 and (transform\$ near5 algorithm\$)	2
<input type="checkbox"/>	L10	L9 and (data near5 sourc\$)	61
<input type="checkbox"/>	L9	L8 and map\$	137
<input type="checkbox"/>	L8	L7 and (entit\$ near5 relation\$)	191
<input type="checkbox"/>	L7	L6 and (hierarchical near5 database\$)	1234
<input type="checkbox"/>	L6	relational near5 database\$	15462
<input type="checkbox"/>	L5	5974407 .uref.	38
<input type="checkbox"/>	L4	L3 and path\$	12
<input type="checkbox"/>	L3	L2 and entit\$	15
<input type="checkbox"/>	L2	L1 and map\$	25
<input type="checkbox"/>	L1	(relational and hierarchical).ti.	73

END OF SEARCH HISTORY

Hit List

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 12 of 12 returned.

☐ 1. Document ID: US 20040088320 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 12

File: PGPB

May 6, 2004

PGPUB-DOCUMENT-NUMBER: 20040088320

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040088320 A1

TITLE: Methods and apparatus for storing hierarchical documents in a relational database

PUBLICATION-DATE: May 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Perry, Russell	Bristol		GB	

US-CL-CURRENT: 707/103R

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 2. Document ID: US 20040030716 A1

L4: Entry 2 of 12

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040030716

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040030716 A1

TITLE: Hierarchical environments supporting relational schemas

PUBLICATION-DATE: February 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hoth, Robert A.	Rochester	MN	US	
Moss, Richard C.	Southsea	MN	GB	

h e b b g e e e f e h e f b e

Walters, James A. Byron MN US
Moore, Gary R. St. Paul US

US-CL-CURRENT: 707/103R

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 3. Document ID: US 20030204511 A1

L4: Entry 3 of 12

File: PGPB

Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030204511
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030204511 A1

TITLE: System and method for viewing relational data using a hierarchical schema

PUBLICATION-DATE: October 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brundage, Michael L.	Kirkland	WA	US	
Burugapalli, Srinivasa R.	Sammamish	WA	US	
Conrad, Andrew	Sammamish	WA	US	
Suver, Chris A.	Seattle	WA	US	
Vaschillo, Alexander E.	Redmond	WA	US	
Ari, Bertan	Bellevue	WA	US	

US-CL-CURRENT: 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 4. Document ID: US 20030101194 A1

L4: Entry 4 of 12

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030101194
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030101194 A1

TITLE: System and method for loading hierarchical data into relational database systems

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rys, Michael	Sammamish	WA	US	
Suver, Chris	Seattle	WA	US	
Denuit, Bruno	Bellevue	WA	US	

h e b b g e e e f e h e f b e

Burugapalli, Srinivasa Sammamish WA US
Low, Murray Santa Cruz CA US

US-CL-CURRENT: 707/101

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 5. Document ID: US 20030065659 A1

L4: Entry 5 of 12

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030065659
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030065659 A1

TITLE: Providing a consistent hierarchical abstraction of relational data

PUBLICATION-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Agarwal, Nipun	Santa Clara	CA	US	
Sedlar, Eric	San Francisco	CA	US	
Murthy, Ravi	Fremont	CA	US	
Jain, Namit	Foster City	CA	US	

US-CL-CURRENT: 707/4; 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 6. Document ID: US 20030033285 A1

L4: Entry 6 of 12

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030033285
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030033285 A1

TITLE: Mechanism to efficiently index structured data that provides hierarchical access in a relational database system

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jalali, Neema	Belmont	CA	US	
Sedlar, Eric	San Francisco	CA	US	
Agarwal, Nipun	Santa Clara	CA	US	
Murthy, Ravi	Fremont	CA	US	

h e b b g e e e f e h e f b e

US-CL-CURRENT: 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 7. Document ID: US 20020010700 A1

L4: Entry 7 of 12

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010700

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020010700 A1

TITLE: System and method for sharing data between relational and hierarchical databases

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wotring, Steven C.	Austin	TX	US	
Ripley, John R.	Round Rock	TX	US	

US-CL-CURRENT: 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 8. Document ID: US 6539398 B1

L4: Entry 8 of 12

File: USPT

Mar 25, 2003

US-PAT-NO: 6539398

DOCUMENT-IDENTIFIER: US 6539398 B1

**** See image for Certificate of Correction ****TITLE: Object-oriented programming model for accessing both relational and hierarchical databases from an objects framework

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hannan; Richard G.	San Jose	CA		
Ho; Shyh-Mei Fang	Cupertino	CA		
Watts; Vern L.	Los Altos	CA		

US-CL-CURRENT: 707/103R

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 9. Document ID: US 6505205 B1

L4: Entry 9 of 12

File: USPT

Jan 7, 2003

US-PAT-NO: 6505205

DOCUMENT-IDENTIFIER: US 6505205 B1

TITLE: Relational database system for storing nodes of a hierarchical index of multi-dimensional data in a first module and metadata regarding the index in a second module

DATE-ISSUED: January 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kothuri; Ravi	Nashua	NH		
Ravada; Siva	Tewksbury	MA		
Sharma; Jayant	Nashua	NH		
Banerjee; Jayanta	Nashua	NH		

US-CL-CURRENT: 707/100; 707/1, 707/101, 707/104.1, 707/7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	---------

☐ 10. Document ID: US 6085188 A

L4: Entry 10 of 12

File: USPT

Jul 4, 2000

US-PAT-NO: 6085188

DOCUMENT-IDENTIFIER: US 6085188 A

TITLE: Method of hierarchical LDAP searching with relational tables

DATE-ISSUED: July 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bachmann; David W.	Leander	TX		
Corn; Cynthia Fleming	Austin	TX		
Fichtner; Larry George	Austin	TX		
Mancisidor; Rodolfo Augusto	Austin	TX		
Shi; Shaw-Ben	Austin	TX		

US-CL-CURRENT: 707/3; 707/101

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	---------

☐ 11. Document ID: US 5974407 A

L4: Entry 11 of 12

File: USPT

Oct 26, 1999

h e b b g e e e f e h e f b e

US-PAT-NO: 5974407

DOCUMENT-IDENTIFIER: US 5974407 A

TITLE: Method and apparatus for implementing a hierarchical database management system (HDBMS) using a relational database management system (RDBMS) as the implementing apparatus

DATE-ISSUED: October 26, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sacks; Jerome E.	Lexington	MA	02173	

US-CL-CURRENT: 707/2; 707/1, 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	---------

☐ 12. Document ID: US 4429385 A

L4: Entry 12 of 12

File: USPT

Jan 31, 1984

US-PAT-NO: 4429385

DOCUMENT-IDENTIFIER: US 4429385 A

TITLE: Method and apparatus for digital serial scanning with hierarchical and relational access

DATE-ISSUED: January 31, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cichelli; Richard J.	Allentown	PA		
Thompson; Michael O.	Bethlehem	PA		

US-CL-CURRENT: 705/30; 340/825.52; 725/105, 725/131

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------

Hit List

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)
[Generate OACS](#)

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20030020765 A1

Using default format because multiple data bases are involved.

L11: Entry 1 of 2

File: PGPB

Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030020765

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030020765 A1

TITLE: Method and system for transforming limited source graphical data

PUBLICATION-DATE: January 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kussmaul, Clifton L.	Bethlehem	PA	US	
Smith, Robert E.	South Riding	VA	US	

US-CL-CURRENT: 345/853

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Data](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KWC](#) [Draw D](#)

☐ 2. Document ID: US 20020010700 A1

L11: Entry 2 of 2

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010700

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020010700 A1

TITLE: System and method for sharing data between relational and hierarchical databases

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wotring, Steven C.	Austin	TX	US	
Ripley, John R.	Round Rock	TX	US	

US-CL-CURRENT: 707/100

h e b b g e e e f e h e f b e

Hit List

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 9 of 9 returned.☐ 1. Document ID: US 20030236577 A1

Using default format because multiple data bases are involved.

L15: Entry 1 of 9

File: PGPB

Dec 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030236577

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030236577 A1

TITLE: Process control script development and execution facility supporting multiple user-side programming languages

PUBLICATION-DATE: December 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Clinton, Greg C.	Mission Viejo	CA	US	

US-CL-CURRENT: 700/10; 700/23, 700/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 2. Document ID: US 20030236576 A1

L15: Entry 2 of 9

File: PGPB

Dec 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030236576

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030236576 A1

TITLE: Supervisory process control and manufacturing information system application having an extensible component model

PUBLICATION-DATE: December 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Resnick, Robert M.	Fountain Valley	CA	US	
McIntyre, James P.	Aliso Viejo	CA	US	
Leblanc, Laurence G.	York	PA	US	
Sowell, Timothy	Lake Forest	CA	US	
Erickson, Brian	Long Beach	CA	US	

h e b b g e e e f e h e f b e

Mody, Pankaj H.

Laguna Niguel

CA

US

US-CL-CURRENT: 700/9; 700/18, 700/19, 700/86

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 3. Document ID: US 20030233218 A1

L15: Entry 3 of 9

File: PGPB

Dec 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030233218

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030233218 A1

TITLE: Systems and methods for constructing genomic-based phenotypic models

PUBLICATION-DATE: December 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schilling, Christophe H.	San Diego	CA	US	

US-CL-CURRENT: 703/11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 4. Document ID: US 20030227487 A1

L15: Entry 4 of 9

File: PGPB

Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030227487

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030227487 A1

TITLE: Method and apparatus for creating and accessing associative data structures under a shared model of categories, rules, triggers and data relationship permissions

PUBLICATION-DATE: December 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hugh, Harlan M.	Los Angeles	CA	US	

US-CL-CURRENT: 345/777

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 5. Document ID: US 20030137536 A1

h e b b g e e f e h e f b e

L15: Entry 5 of 9

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030137536
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030137536 A1

TITLE: Method and apparatus for communicating changes from and to a shared
associative database using one-way communications techniques

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hugh, Harlan M.	Los Angeles	CA	US	

US-CL-CURRENT: 345/744; 345/764

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Ds
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 6. Document ID: US 20030009253 A1

L15: Entry 6 of 9

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009253
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030009253 A1

TITLE: Remotely monitoring/diagnosing distributed components of a supervisory
process control and manufacturing information application from a central location

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McIntyre, James P.	Aliso Viejo	CA	US	
Rowley, Kevin	San Marcos	CA	US	
Jones, Derrick C.	Santa Ana	CA	US	
Mody, Pankaj H.	Laguna Niguel	CA	US	

US-CL-CURRENT: 700/108; 700/83

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Ds
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	---------

☐ 7. Document ID: US 20030009250 A1

L15: Entry 7 of 9

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009250
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030009250 A1

TITLE: Customizable system for creating supervisory process control and manufacturing information applications

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Resnick, Robert M.	Fountain Valley	CA	US	
McIntyre, James P.	Aliso Viejo	CA	US	
Leblanc, Laurence G.	York	PA	US	
Sowell, Timothy	Lake Forest	CA	US	
Mody, Pankaj H.	Laguna Niguel	CA	US	

US-CL-CURRENT: 700/94

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 8. Document ID: US 20020010700 A1

L15: Entry 8 of 9

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010700

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020010700 A1

TITLE: System and method for sharing data between relational and hierarchical databases

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wotring, Steven C.	Austin	TX	US	
Ripley, John R.	Round Rock	TX	US	

US-CL-CURRENT: 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 9. Document ID: US 6490593 B2

L15: Entry 9 of 9

File: USPT

Dec 3, 2002

US-PAT-NO: 6490593

DOCUMENT-IDENTIFIER: US 6490593 B2

TITLE: Apparatus and method for compound on-line analytical processing in databases

DATE-ISSUED: December 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Proctor; Anthony Charles	Stowmarket			GB

US-CL-CURRENT: 707/102; 707/10, 707/100, 707/2, 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Term	Documents
FIELD\$1	0
FIELD	3307732
FIELDA	61
FIELDB	20
FIELDC	30
FIELDD	15
FIELDE	46
FIELDF	27
FIELDG	111
FIELDH	9
FIELDI	326
(L14 AND (FIELD\$1 SAME ATTRIBUT\$)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	9

There are more results than shown above. [Click here to view the entire set.](#)

Display Format: [Previous Page](#)[Next Page](#)[Go to Doc#](#)

Hit List

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20020124803 A1

Using default format because multiple data bases are involved.

L16: Entry 1 of 8

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020124803

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020124803 A1

TITLE: System for optimising the production performance of a milk producing animal herd

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, Fei	Lynge		DK	
Larsen, Flemming	Haarby		DK	
Hansen, Henrik	Farum		DK	
Mathiasen, Thomas	Kobenhavn O		DK	

US-CL-CURRENT: 119/14.08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 2. Document ID: US 20020026446 A1

L16: Entry 2 of 8

File: PGPB

Feb 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020026446

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020026446 A1

TITLE: Secure host computer internet gateway

PUBLICATION-DATE: February 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Groos, Gaston J. III	Woodlands	TX	US	
St. Denis, Gregory S.	Houston	TX	US	

h e b b g e e e f e h e f b e

US-CL-CURRENT: 707/102

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 3. Document ID: US 20020010700 A1

L16: Entry 3 of 8

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010700

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020010700 A1

TITLE: System and method for sharing data between relational and hierarchical databases

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wotring, Steven C.	Austin	TX	US	
Ripley, John R.	Round Rock	TX	US	

US-CL-CURRENT: 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 4. Document ID: US 20010056386 A1

L16: Entry 4 of 8

File: PGPB

Dec 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010056386

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010056386 A1

TITLE: Software and hardware component audit and inventory management system

PUBLICATION-DATE: December 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
O'Halloran, Steve	Greely		CA	
Norrie, Ross	Manotick		CA	

US-CL-CURRENT: 705/28

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 5. Document ID: US 6684222 B1

L16: Entry 5 of 8

File: USPT

Jan 27, 2004

h e b b g e e f e h e f b e

US-PAT-NO: 6684222
DOCUMENT-IDENTIFIER: US 6684222 B1

TITLE: Method and system for translating data associated with a relational database

DATE-ISSUED: January 27, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cornelius; Shawn S.	Strangsville	OH		
Huffman; Arnold Z.	Chicago	IL		
Klug; Matthew C.	Hudson	OH		
Krahn; Richard R.	North Lake Elmo	MN		
Su; Eric C.	Foster City	CA		
Sweeney; Michael S.	Parma Heights	OH		

US-CL-CURRENT: 707/104.1; 715/513

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 6. Document ID: US 5987452 A

L16: Entry 6 of 8

File: USPT

Nov 16, 1999

US-PAT-NO: 5987452
DOCUMENT-IDENTIFIER: US 5987452 A

TITLE: Query translation system

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kung; Fen-Chung	Bridgewater	NJ		

US-CL-CURRENT: 707/4; 379/269, 707/1, 707/2, 707/204, 707/3, 707/5, 711/113

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 7. Document ID: US 5513348 A

L16: Entry 7 of 8

File: USPT

Apr 30, 1996

US-PAT-NO: 5513348
DOCUMENT-IDENTIFIER: US 5513348 A

**** See image for Certificate of Correction ****

TITLE: System for relational database retrieval through a link file built to access components of relational tables

DATE-ISSUED: April 30, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ryu; Tadimitsu	Kanagawa			JP
Takahara; Toshio	Kanagawa			JP
Hirono; Shingo	Tokyo			JP
Matsumoto; Tohru	Yokohama			JP

US-CL-CURRENT: 707/1; 715/533

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

☐ 8. Document ID: US 4688195 A

L16: Entry 8 of 8

File: USPT

Aug 18, 1987

US-PAT-NO: 4688195

DOCUMENT-IDENTIFIER: US 4688195 A

TITLE: Natural-language interface generating system

DATE-ISSUED: August 18, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thompson; Craig W.	Plano	TX		
Ross; Kenneth M.	Bedford	TX		

US-CL-CURRENT: 706/11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	-----	--------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

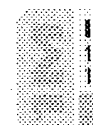
Term	Documents
DATABASE	244397
DATABASIS	0
DATABASES	69843
RELATIONAL	27618
RELATIONALS	6
COMMAND\$1	0
COMMAND	424812
COMMANDA	32
COMMANDB	1

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.0

 Welcome
 United States Patent and Trademark Office


>> Search

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

 Your search matched **4** of **1071730** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.
Refine This Search:

You may refine your search by editing the current search expression or enter new one in the text box.

☐ Check to search within this result set
Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Cooperative access to relational and object-oriented federated databases
Lerm, J.; de Oliveira, J.;

 Distributed Computing Systems, 1993., Proceedings of the Fourth Workshop
 Future Trends of , 22-24 Sept. 1993
 Pages:222 - 227

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) **IEEE CNF**
2 Capturing the objected-oriented database model in relational form
Hsieh, S.-Y.; Chang, C.K.; Mongkolwat, P.; Pilch, W. W., Jr.; Shih, C.-C.;

 Computer Software and Applications Conference, 1993. COMPSAC 93.
 Proceedings., Seventeenth Annual International , 1-5 Nov. 1993
 Pages:202 - 208

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) **IEEE CNF**
3 Entity-relationship database support for real-time adaptation
Gopinath, P.; Ramnath, R.; Schwan, K.;

 Databases, Parallel Architectures and Their Applications,. PARBASE-90,
 International Conference on , 7-9 March 1990
 Pages:91 - 93

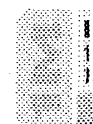
[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) **IEEE CNF**
4 Hierarchically searching the web for images
Jewell, N.J.; Campbell, N.W.; Thomas, B.T.;

 Image Processing And Its Applications, 1999. Seventh International Conferen
 (Conf. Publ. No. 465) , Volume: 1 , 13-15 July 1999
 Pages:296 - 300 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(436 KB\)\]](#) IEE CNF

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online](#)
[Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore**
RELEASE 1.4Welcome
United States Patent and Trademark Office[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)

» See

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Your search matched **1** of **1071730** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter new one in the text box.

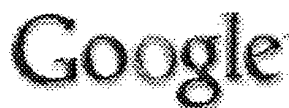
☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Similarity search in sets and categorical data using the signature tr
Nikos Mamoulis; Cheung, D.W.; Wang Lian;

Data Engineering, 2003. Proceedings. 19th International Conference on , 5-8 2003

Pages:75 - 86

[\[Abstract\]](#) [\[PDF Full-Text \(841 KB\)\]](#) **IEEE CNF**


[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)

[Advanced Search](#)
[Preferences](#)

Web Results 1 - 10 of about **25,000** for **relational hierarchical data entity transforming**. (0.35 seconds)

[PPT] Database and Data Structure

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... **Relational and Hierarchical DBMS Modes** are more popular; **relational** is ... RDBMS) **Relational Models** use tables to store **data** and application ... **8. Relational Databases.** ...

www.cob.sjsu.edu/sadhwa_a/database%20lecture%20Bus%2093.ppt - [Similar pages](#)

Miami University School of Engineering & Applied Science Computer ...

... **record-based logical models (relational, hierarchical, network), object ... The relational data model (.5): theory of relations; the relational representation of ...**

www.eas.muohio.edu/csa/courseDescriptions/385.html - 23k - [Cached](#) - [Similar pages](#)

ER 1987: 305-333

... to the Logical Design of a **Hierarchical Data Model** ... Risch: Query Processing Over Object Views of **Relational Data.** ... for Reverse Engineering of **Relational Databases** ...

www.sigmod.org/sigmod/dblp/db/conf/er/NavatheA87.html - 18k - [Cached](#) - [Similar pages](#)

ER 1981: 337-356

... Ling: External Schemas of **Entity-Relationship Based Data Base Management** ... Shamkant B. Navathe, AM Awong: Abstracting **Relational and Hierarchical Data** with a ...

www.sigmod.org/sigmod/dblp/db/conf/er/DumpalaA81.html - 14k - [Cached](#) - [Similar pages](#)

[[More results from www.sigmod.org](#)]

Watermark Learning - Training & Mentoring, Project Management ...

... database design; Steps in the **data modeling process**; ... exclusive subtypes. Recursive **Relationships: Hierarchical** vs. ... Appendix: Implementing a **Relational Database.** ...

www.watermarktraining.com/courseDetail.html?NAME=DataModel - 19k - [Cached](#) - [Similar pages](#)

[PPT] Database 1 Database Design

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... Suited to derive a DTD from a structured **data schema.** ... HIER: Transforms a one-to-many (or one-to-one) binary **relationship type** into a **hierarchical relation.** ...

www.wis.win.tue.nl:8080/~ffrasinc/workshops/WISM2004/wism2004-3.ppt - [Similar pages](#)

[PPT] Objectives

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... Networks models: represents **data** as record types and limited type of 1:N **relationships.** ...

Hierarchical Models: represents **data** as **hierarchical tree.** 27. ...

people.cs.und.edu/~reza/Csci455ch2.ppt - [Similar pages](#)

A Design Environment for Migrating Relational to Object Oriented ...

... Abstracting **Relational and Hierarchical Data** with a ... Identifying extended **entity-relationship** object structures ... 1989 17 **Transforming Relational Database Schemas** ...

citeseer.ist.psu.edu/jahnke96design.html - 23k - [Cached](#) - [Similar pages](#)

TOC

... Abstracting **Relational and Hierarchical Data** with a Semantic Data Model Shamkant B. Navathe, AM Awong Pages: 305 - 333 ...

portal.acm.org/toc.cfm?id=647511&type=proceeding - [Similar pages](#)

DBAzone.com: the online portal for database issues and solutions

... of presenting them in an organized, **hierarchical** format – variously ... get a good start on **data** modeling by ... DM201: **Relational Database Design** by Fleming and von ...

www.dbazine.com/lewis1.shtml - 45k - [Cached](#) - [Similar pages](#)

Google

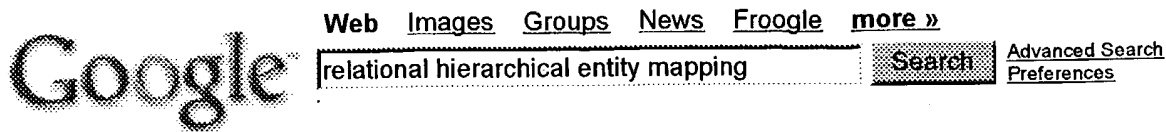
Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

relational hierarchical data entity tra

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

**Web**Results 1 - 10 of about **74,200** for **relational hierarchical entity mapping** . (0.39 seconds)Attribute Data Structures

... generation systems were **entity-by-entity** based, but had ... The **hierarchical** and network data models were short-lived, and quickly replaced by the **relational**. ...

pollux.geog.ucsb.edu/~kclarke/G128/Lecture09.html - 7k - [Cached](#) - [Similar pages](#)

Database Models: Hierarcical, Network, **Relational**, Object-Oriented ...

... coincided with the popularity of the **hierarchical** data model. ... of recent extensions of flat **relational** databases, to ... An **entity**'s existence does not depend on ...

unixspace.com/context/databases.html - 19k - [Cached](#) - [Similar pages](#)

[PDF] **Pattern: Hierarchical Star Schema**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... the case of a many-to-many **relationship** of Design to DesignPart , the DsnPath map table still suffices to determine the **hierarchical entity** occurrences, since ...

jerry.cs.uiuc.edu/~plop/ plop98/final_submissions/P39.pdf - [Similar pages](#)

[PPT] **Database as Model**

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... model that allow representation of some **hierarchical** information, then ... ll examine how to convert a **Relational** schema to ... Strong **Entity E** with primary key PK and ...

www.cs.umd.edu/class/spring2003/ cmisc424-0401/ClassNotesFeb4.ppt - [Similar pages](#)

[PDF] **Feb 4: Recap of Jan 30 class**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... that allow representation of some **hierarchical** information, then ... ll examine how to convert a **Relational** schema to ... Schema to Tables (2) – Strong **Entity E** with ...

www.cs.umd.edu/class/spring2003/ cmisc424-0401/ClassNotesFeb4.pdf - [Similar pages](#)

[[More results from www.cs.umd.edu](#)]

[PDF] **Relational Databases for Biologists Tutorial – ISMB02 Relational**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... database – **Entity-Relationship** Models – Beyond Simple **Relationships** • **hierarchical** data • temporal data – historical integrity • Using **Relational** ...

www.people.virginia.edu/~wvp/papers/ismb02_sql.pdf - [Similar pages](#)

Using Container-Managed Persistence for **Entity Beans**

... A field may participate in a **hierarchical** or independent ... capable class of the EJB 1.1 **entity** bean as the ... are defined in the Java language: **relational** operators ...

docs.sun.com/source/817-2175-10/decmp.html - 101k - [Cached](#) - [Similar pages](#)

ER 1983: 223-248

A Methodology for Database Schema **Mapping** from Extended **Entity-Relationship** Models into the **Hierarchical** Model. Shamkant B. Navathe ...

www.sigmod.org/sigmod/dblp/db/conf/er/NavatheC83.html - 16k - [Cached](#) - [Similar pages](#)

IMS DPROP Reference - The Propagation Request Mapping Table (DPRPR ...

... **Mapping** case 3 provides **mapping** between data of one internal segment (the **entity** segment) and its concatenated ... HR **Hierarchical** to **relational** TW **Hierarchical** ...


publib.boulder.ibm.com/infocenter/dzichelp/ topic/com.ibm.imsdprop.doc.ref_3.1/ekcr3tab1001858.htm - 18k -

[Cached](#) - [Similar pages](#)

Web conference comment 19980714154000

... can be connected by **hierarchical relationships** are grouped ... **map** extent, assigning each **entity** to a ... symbolize classification objects, and **mapping** the symbolized ...

geology.usgs.gov/dm/rmodel/ general/comments/19980714154000.shtml - 9k - [Cached](#) - [Similar pages](#)

Google 

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



SCIENCE @ DIRECT

Register or Login: Password:

[Home](#) [Search](#) [Journals](#) [Abstract Databases](#) [Books](#) [Reference Works](#) [My Profile](#) [Alerts](#)

Quick Search: within [All Full-text Sources](#) [Search Tips](#)

[Advanced Search](#) results **1 - 25** [Full Text](#)

25 Articles Found

(pub-date > 1993 and pub-date < 2001 and TITLE-ABSTR-KEY(relational) and TITLE-ABSTR-KEY(hierarchical)) and data and structure

[Edit Search](#) | [Save Search](#) | [Save as Search Alert](#)

View: [Citations](#) Sort By: [Date](#)

1. ☐ **Formal structure and intra-organisational networks. An analysis in a combined social and health organisation in Finland • ARTICLE**
Scandinavian Journal of Management, Volume 16, Issue 3, September 2000, Pages 249-267
Jan-Erik Johanson
[Abstract](#)

2. ☐ **Conceptual design of industrial wastewater treatment processes: primary treatment • ARTICLE**
Computers & Chemical Engineering, Volume 24, Issues 2-7, 15 July 2000, Pages 1725-1730
Inês S. F. Freitas, Carlos A. V. Costa and Rui A. R. Boaventura
[Abstract](#)

3. ☐ **Bayesian recognition of targets by parts in second generation forward looking infrared images • ARTICLE**
Image and Vision Computing, Volume 18, Issue 10, July 2000, Pages 849-864
D. Nair and J. K. Aggarwal
[Abstract](#)

4. ☐ **Thirty years (and more) of databases • ARTICLE**
Information and Software Technology, Volume 41, Issue 14, 5 November 1999, Pages 969-978
M. Jackson
[Abstract](#)

5. ☐ **Factors Influencing the Duration of International Buyer-Seller Relationships • ARTICLE**
Journal of Business Research, Volume 46, Issue 3, November 1999, Pages 273-280
Sven A. Haugland
[Abstract](#)

Graph matching with hierarchical discrete relaxation • SHORT COMMUNICATION

6. ☐ *Pattern Recognition Letters, Volume 20, Issue 10, October 1999, Pages 1041-1052*
Richard C. Wilson and Edwin R. Hancock
[Abstract](#)

7. ☐ **Integration of complex objects and transitive relationships for information retrieval •**
ARTICLE
Information Processing & Management, Volume 35, Issue 5, September 1999,
Pages 655-678
Kalervo Järvelin and Timo Niemi
[Abstract](#)

8. ☐ **Database of granites in the Mongol–Okhotsk zone, Mongolia–Siberia, and its use in**
mineral exploration • ARTICLE
Journal of Geochemical Exploration, Volume 66, Issues 1-2, July 1999, Pages 199-210
P. V. Koval, V. I. Grebenshchikova, E. E. Lustenberg and P. J. Henney
[Abstract](#)

9. ☐ **The MDSplus data acquisition system, current status and future directions • ARTICLE**
Fusion Engineering and Design, Volume 43, Issues 3-4, January 1999, Pages 301-308
Joshua Stillerman and Thomas W. Fredian
[Abstract](#)

10. ☐ **Schema integration and transaction management for multidatabases • ARTICLE**
Information Sciences, Volume 111, Issues 1-4, November 1998, Pages 153-188
Pyeong S. Mah and Soon M. Chung
[Abstract](#)

11. ☐ **An approach to unify model definition and manipulation • ARTICLE**
Computers & Industrial Engineering, Volume 33, Issues 3-4, December 1997,
Pages 661-663
De-Li Yang and Xiaotong Wang
[Abstract](#)

12. ☐ **Database structures for mathematical programming models • ARTICLE**
Decision Support Systems, Volume 20, Issue 4, August 1997, Pages 317-344
Robert Fourer
[Abstract](#)

13. ☐ **Matching Feature Points in Image Sequences through a Region-Based Method •**
ARTICLE
Computer Vision and Image Understanding, Volume 66, Issue 3, June 1997,
Pages 271-285
Filiberto Pla and John A. Marchant
[Abstract](#)

14. ☐ **RASES: A database supported framework for structured model base management •**
ARTICLE
Simulation Practice and Theory, Volume 5, Issue 4, 15 May 1997, Pages 289-313
Hyu Chan Park, Wan Bok Lee and Tag Gon Kim
[Abstract](#)

15. ☐ **Ecosystems emerging: 1. conservation • ARTICLE**
Ecological Modelling, Volume 96, Issues 1-3, 1 March 1997, Pages 221-284
 Bernard C. Patten, Milan Stragkraba and Sven E. Jørgensen
[Abstract](#)

16. ☐ **Analysis of terrain using multispectral images • ARTICLE**
Pattern Recognition, Volume 30, Issue 2, February 1997, Pages 197-215
 Bir Bhanu, Peter Symosek and Subhudev Das
[Abstract](#) | [Abstract + References](#) | [PDF \(1903 K\)](#)

17. ☐ **Support system for finite element analysis • ARTICLE**
Advances in Engineering Software, Volume 27, Issue 3, December 1996, Pages 179-189
 Shigeru Nagasawa , Yasunori Miyata , Mitsuhiro Murayama and Hiroshi Sakuta
[Abstract](#)

18. ☐ **A Visual Database Environment for Scientific Research • ARTICLE**
Journal of Visual Languages & Computing, Volume 7, Issue 4, December 1996, Pages 361-375
 Rex M. Jakobovits, Lara M. Lewis, James P. Ahrens, Linda G. Shapiro, Steven L. Tanimoto and James F. Brinkley
[Abstract](#)

19. ☐ **Datalog extension for nested relations • ARTICLE**
Computers & Mathematics with Applications, Volume 30, Issue 12, December 1995, Pages 51-79
 A. BenczúrC. HajasG. Kovács
[Abstract](#)

20. ☐ **A survey of database design transformations based on the Entity-Relationship model • ARTICLE**
Data & Knowledge Engineering, Volume 15, Issue 3, June 1995, Pages 213-250
 Christian Fahrner and Gottfried Vossen
[Abstract](#)

21. ☐ **A straightforward NF² relational interface with applications in information retrieval • ARTICLE**
Information Processing & Management, Volume 31, Issue 2, March-April 1995, Pages 215-231
 Timo Niemi and Kalervo Järvelin
[Abstract](#)

22. ☐ **Shifting the information paradigm from data-centered to user-centered • ARTICLE**
Information Processing & Management, Volume 30, Issue 4, July-August 1994, Pages 455-471
 Carolyn Watters and Michael A. Shepherd
[Abstract](#)

23. ☐ **Feature-based structural design of solid automotive components • ARTICLE**
Finite Elements in Analysis and Design, Volume 16, Issue 1, April 1994, Pages 15-26

M. E. Botkin, D. Bajorek and M. Prasad
[Abstract](#)

-
24. ☐ **Data conversion rules from network to relational databases • ARTICLE**
Information and Software Technology, Volume 36, Issue 3, March 1994, Pages 141-153
Joseph Fong and Chris Bloor
[Abstract](#)

-
25. ☐ **Structural implication of the ICPEMC method for quantifying genotoxicity data • ARTICLE**
Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis, Volume 305, Issue 1, 1 February 1994, Pages 99-116
Herbert S. Rosenkranz and Gilles Klopman
[Abstract](#)

25 Articles Found

(pub-date > 1993 and pub-date < 2001 and TITLE-ABSTR-KEY(relational) and TITLE-ABSTR-KEY(hierarchical)) and data and structure

[Edit Search](#) | [Save Search](#) | [Save as Search Alert](#)

[Previous](#) results **1 - 25** [Next](#)

[Home](#) [Search](#) [Journals](#) [Abstract Databases](#) [Books](#) [Reference Works](#) [My Profile](#) [Alerts](#)

[Feedback](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2004 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.